iBwave uses Siradel's VolcanoLAB as the interface to join its indoor coverage with Siradel's outdoor prediction

Developed by Siradel, VolcanoLAB software is a hub between in-building and outdoor. It allows in-building RF engineers to import outdoor coverage maps predicted by Volcano advanced propagation models and gather them with in-building coverage maps generated by RF-vu software to lead to a global and accurate coverage.

Rennes, France and Montréal, Canada – 10, Feb 2009 – Siradel and iBwave are pleased to announce that Siradel's VolcanoLAB software can now be used as an interface to allow users of RF-vu, iBwave Solutions' in-building industry standard design & planning software, to import outdoor propagation prediction data and maps into their RF-vu indoor wireless network designs. The interface between Siradel's Volcano technology and iBwave's RF-vu eases the combination of indoor predictions with outdoor simulation data.

"SIRADEL is very pleased to cooperate with iBwave. It gives RF engineers the choice to complete network design by integrating indoor coverage into accurate outdoor to indoor radio coverage," says Laurent Bouillot, CEO of Siradel.

This collaboration aims to complement each party's tool and provides a complete solution, bringing together the outdoor coverage surrounding a building and the indoor coverage inside that building, in one single view. A significant advantage of Siradel's Volcano product suite is the use of the Volcano 3D Urban Model (ray-tracing model) to provide multi-floor coverage (prediction at various reception heights), which is essential for the design and planning of indoor wireless networks in dense, high-rise environments.

"We are happy that Siradel has joined our initiative and decided to participate in the trend of bridging the gap between indoor and outdoor worlds," says Mario Bouchard, President and CEO of iBwave Solutions.

Today, the needs for accurate radio network designs are increasing. Radio network planners can use the combination of both products to have an overall view of their in-building network deployment, and how they would behave in reality, in the presence of outdoor network wireless coverage.

SIRADEL

iBwave

About Siradel

Siradel is the initiator of commercial propagation model concept and now has already become the world leader in this important niche market in the telecom industry.

The model '**Volcano**', including a series of modules, helps you design and optimize any wireless network including 3G, WiMAX, Wifi, Digital Video Broadcasting…

Siradel produces high quality **map data** and carries out **radio coverage expertise** including measurement campaigns and model tuning all over the world.

These three business units work independently but can also be the global solution to guarantee the success of your network planning and optimisation.

Siradel is member of european R&D committees (COST, SEE, IEEE) and participates on 18 national & international R&D projects to always be one step ahead and anticipate on future needs across the wireless industry.

www.siradel.com

About iBwave

iBwave is an international in-building wireless software company that delivers unique planning and design solutions to a client base composed of wireless operators, equipment manufacturers and infrastructure integrators from more than 45 countries on five continents. iBwave offers industry-specific planning and design software to answer the needs of the in-building wireless industry. RF engineers can take in-building network design beyond prediction to improve accuracy and standardize designs that are shared across the in-building community. iBwave's mission is to create an adopted standard within its industry and to set specific guidelines for designing and planning in-building wireless solutions. www.ibwave.com.

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